

Towards VOResource 1.2



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- “Use the UAT” defined
- URIs: SPDX and referenceURL-s
- altIdentifiers on ResourceName-s
- DOIs as source formats



UAT Usage

VOResource 1.1 said for subject: “Terms for Subject should be drawn from the Unified Astronomy Thesaurus”.

But: The numbers? The labels? Full URIs?

EN of 2022-07-22 says: None of the above.

Use identifiers from <http://www.ivoa.net/rdf/uat/> such as *53-persei-stars* or *roche-lobe-overflow*.

Please Update Your Subjects

If you publish registry records, *please* update their subjects.

It's really much more useful if subjects come from a well-defined, hierarchical vocabulary. See [⟨this 2021 blog post⟩](#) or [⟨my May 2021 Interop talk⟩](#) for examples.

There's even [⟨a mapping⟩](#) from most current subjects to UAT near equivalents.

Minor URI Updates

(A) referenceURIs now must start with http(s).

(B) rights/rightsURI should now come from SPDX.

More altIdentifier-s I

Use case: VizieR wants to declare relationships to non-VO resources with a DOI.

You could already define relationship targets with ivoids:

```
<relationship>
  <relationshipType>Cites</relationshipType>
  <relatedResource>astropy</relatedResource>
  <relatedResource ivo-id="ivo://cds.vizier/iii/227"
    >General Catalog of galactic Carbon stars
  </relatedResource>
</relationship>
```

Can we do something machine-readable about astropy, too?

More altIdentifier-s II

We already have DOIs in altIdentifier elements on the resource level.

RelatedResource elements have the type vr:ResourceName. Can we add an altIdentifier *attribute* to that?

```
<relationship>
  <relationshipType>Cites</relationshipType>
  <relatedResource altIdentifier="doi:10.3847/1538-4357/ac7c74"
    >astropy</relatedResource>
  <relatedResource ivo-id="ivo://cds.vizier/iii/227"
    >General Catalog of galactic Carbon stars
  </relatedResource>
</relationship>
```

Sure.

More altIdentifier-s !!!

But: VOResource 1.1 has already added altIdentifier elements to creator and contact (really, only for ORCID). These now have name/@altIdentifier, too.

Fortunately, nobody has really taken up the altIdentifier elements on persons. Let's deprecate them.

However: Against the previous state, person:identifier is now 1:1 rather than 1:n.

Apropos of DOIs

content/source gives a bibliographic source.

Its @format attribute so far only had “bibcode” as a defined value. In 1.2, it will also admit “doi”.

Anything Else?

If nobody brings up any other feature requests...

...or protests against the current plans...

...we'll be going for PR after the Interop.